



DOT Approval of  
Packaging Configuration  
for XTX-8004 Explosive  
Substance

PMC Annual Meeting

Biloxi, MS

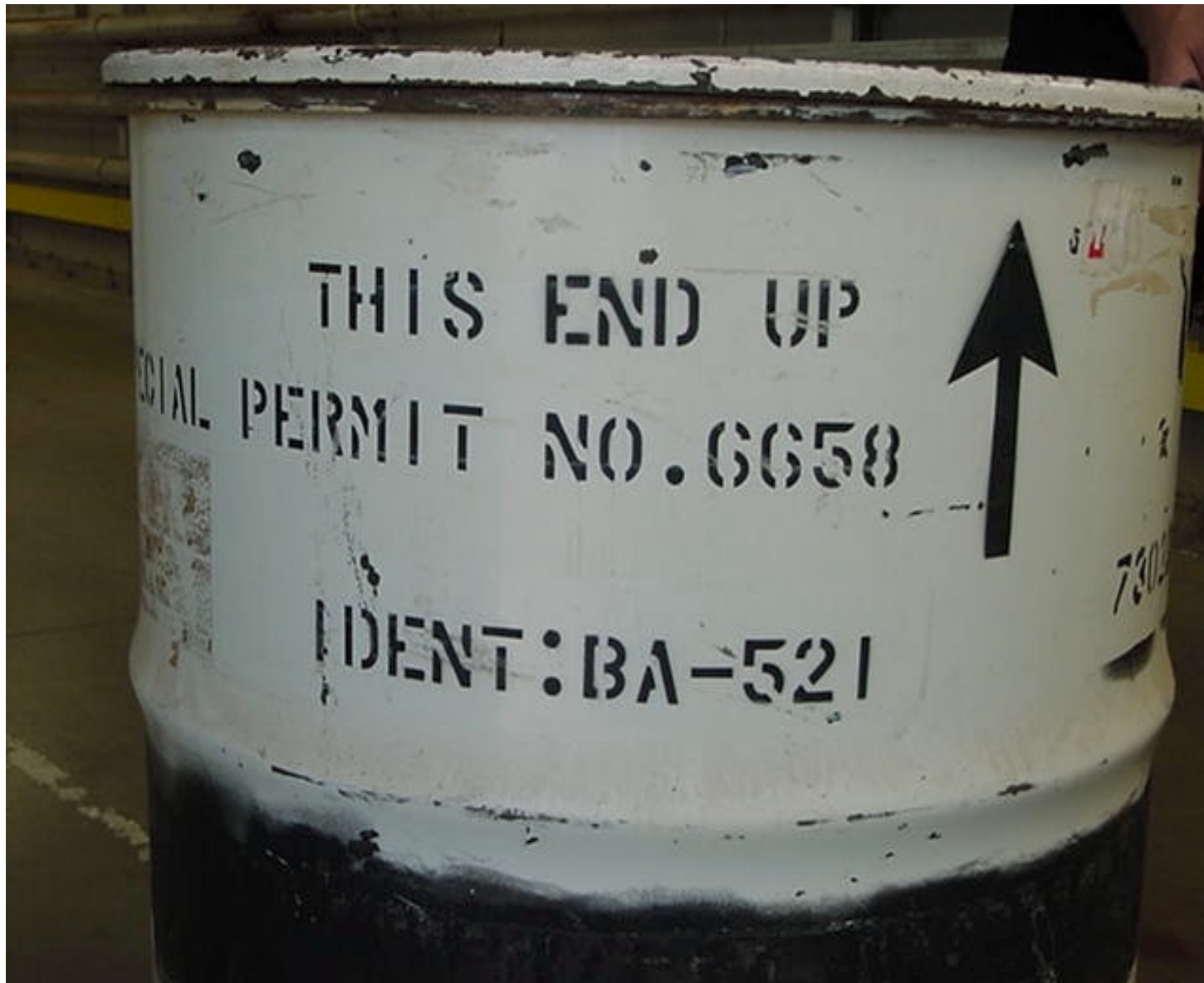
June 25, 2001

- # Explosive mixture of PETN (80%) and Sylgard (20%)
  
- # Extrudable Explosive
  - Pliable. Consistency of silly puddy
  - Utilized to press into mold
  - Hardens at room temperature
  
- # Stored and shipped at less than zero degrees Celsius

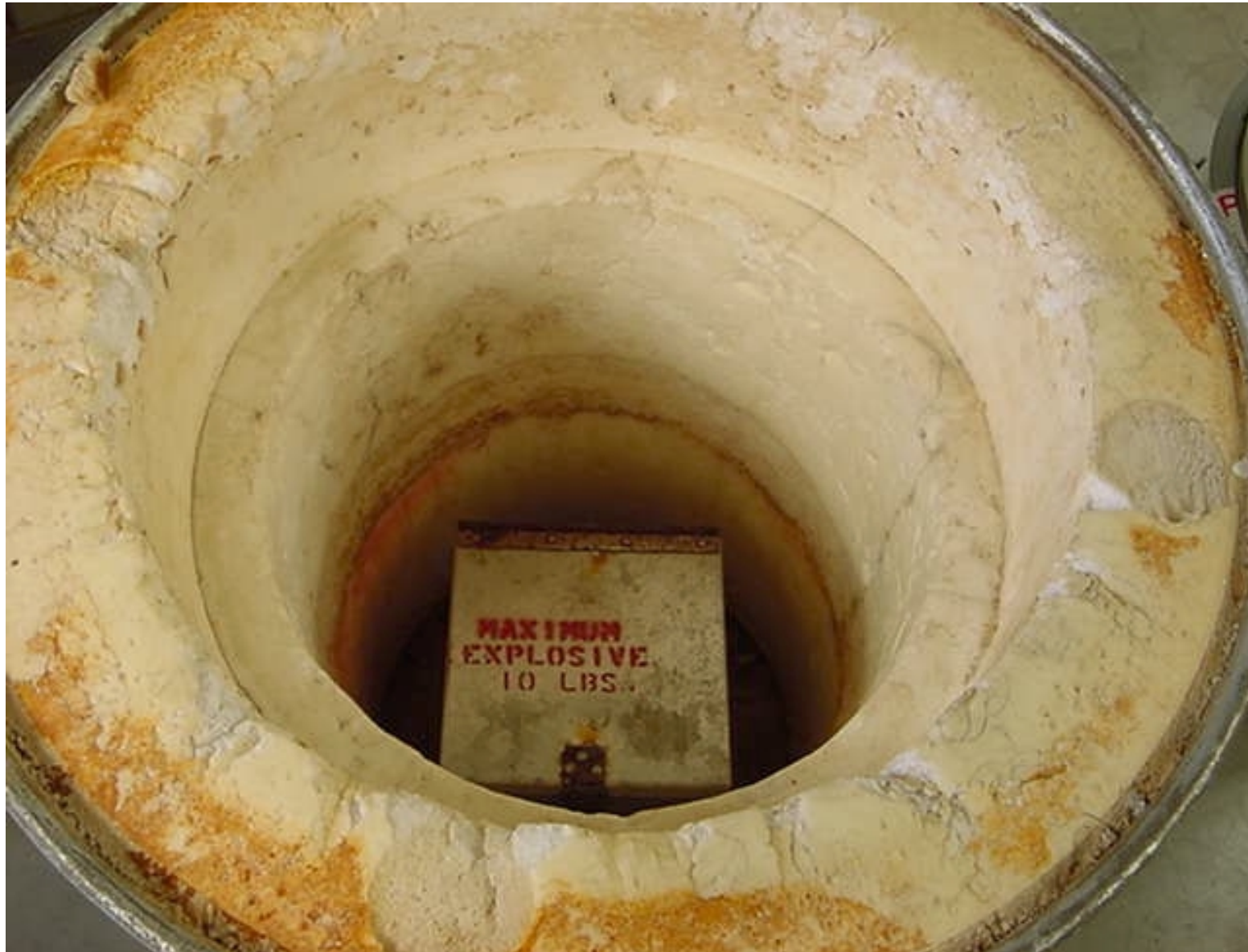


- # Explosive Hazard Classification
- # Packaging Method Determination
- # Package to Include Dry Ice
- # Ventilation for Carbon Dioxide Sublimation
- # DOT Exemption





## Foam Liner for 1G-A01 Drum





## Lid for 1G-A01 Drum



# PSN – PETN, desensitized (with not less than 15 % phlegmatizer by mass)

# Classification Code - 1.1D

# UN0150

➤ PI 112(a) or 112(b)

# Safety Control Measure

➤ Packaging is M&H open head G-A01

➤ NEW of less than 10 pounds



## # Special Provision due to HM-181

- No new construction of the packaging is authorized after September 30, 1994
- Holder may request a renewal to use a package manufactured prior to September 30, 1994.
- A renewed exemption will not carry an expiration date past September 30, 1996 because it will become prohibited.





- # Time Concern

- # Approval by DOT Prior to Request

  - Read the Regs and determine appropriate packaging

- # Submission of Request

- # IHC Assignment



TABLE OF PACKING METHODS—Continued

Packing instruction	Inner packagings	Intermediate packagings	Outer packagings
<p>112(b) This packing instruction applies to dry solids other than powders.</p> <p>PARTICULAR PACKING REQUIREMENTS OR EXCEPTIONS: .....</p> <ol style="list-style-type: none"> <li>For UN 0004, 0076, 0078, 0154, 0216, 0219 and 0386, packagings must be lead free.</li> <li>For UN 0209, bags, sift-proof (5H2) are recommended for flake or prilled TNT in the dry state and a maximum net mass of 30 kg..</li> <li>For UN 0222 and UN 0223, inner packagings are not required ....</li> </ol>	<p>Bags .....</p> <p>paper, Kraft .....</p> <p>paper, multiwall, water resistant ....</p> <p>plastics .....</p> <p>textile .....</p> <p>textile, rubberized plastics .....</p> <p>woven plastics .....</p>	<p>Bags (for UN 0150 only) .....</p> <p>plastics .....</p> <p>textile, plastic coated or lined .....</p>	<p>Bags.</p> <p>woven plastics sift-proof (5H2/3).</p> <p>plastics, film (5H4).</p> <p>textile, sift-proof (5L2).</p> <p>textile, water resistant (5L3).</p> <p>paper, multiwall, water resistant (5M2).</p> <p>Boxes</p> <p>steel (4A).</p> <p>aluminium (4B).</p> <p>natural wood, ordinary (4C1).</p> <p>natural wood, sift proof (4C2).</p> <p>plywood (4D)</p> <p>reconstituted wood (4F).</p> <p>fibreboard (4G).</p> <p>plastics, expanded (4H1).</p> <p>plastics, solid (4H2).</p> <p>Drums</p> <p>steel, removable head (1A2).</p> <p>aluminium, removable head (1B2).</p> <p>fibre (1G).</p> <p>plastics, removable head (1H2).</p>

